



IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Nicholas Millington  
APPLICATION NO.: 10/816,217  
FILED: April 1, 2004  
TITLE: System and Method for Synchronizing Operations Among a  
Plurality of Independently Clocked Digital Data Processing  
Devices  
EXAMINER: Unknown  
GROUP ART UNIT: 2185  
ATTY.DKT.NO.: PA3445US

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**INFORMATION DISCLOSURE STATEMENT**  
Under 37 C.F.R. §§ 1.56, and 1.97-1.98

SIR:

Pursuant to the provisions of 37 C.F.R. §§ 1.56 and 1.97-98 of the Rules of Practice in Patent Cases, enclosed herewith is form PTO-SB-08 listing several references, copies of the foreign patents and non patent literature are enclosed. The Examiner is requested to make these references of official record in the application. The references cited may be material to examination of the application and are submitted in compliance with Applicants' duty of disclosure as defined by 37 C.F.R. § 1.56.

No representation is made or intended as to the completeness of this list, nor is the inclusion of any reference on this list an admission that it is prior art or pertinent to this application.

Applicants believe no fee is due with this submission. If a fee is due, however, the Commissioner is hereby authorized to charge any necessary fee to Account Number 06-0600. A copy of this statement is submitted in duplicate for this purpose.

Respectfully submitted,  
Nicholas Millington

Dated: August 24, 2006

By: K. Brian Bathurst

K. Brian Bathurst, Reg. No. 51,442  
Carr & Ferrell LLP  
2200 Geng Road  
Palo Alto, CA 94303  
TEL: (650) 812-3400  
FAX: (650) 812-3444

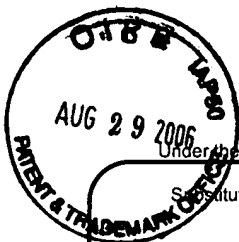
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 3

**Complete if Known**

Application Number	10/816,217
Filing Date	April 1, 2004
First Named Inventor	Nicholas Millington
Art Unit	2185
Examiner Name	Unknown
Attorney Docket Number	PA3445US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,867,691	02-02-1999	Shiraishi	
		US- 6,157,957	12-05-2000	Berthaud	
		US- 6,175,872 B1	01-16-2001	Neumann et al.	
		US- 6,332,147 B1	12-18-2001	Moran et al.	
		US- 6,898,642 B2	05-24-2005	Chafle et al.	
		US- 6,912,610 B2	06-28-2005	Spencer	
		US- 6,920,373 B2	07-19-2005	Xi et al.	
		US- 2002/0002562 A1	01-03-2002	Moran et al.	
		US- 2002/0143998 A1	10-03-2002	Rajagopal et al.	
		US- 2002/0163361 A1	11-07-2002	Parkin	
		US- 2002/0165921 A1	11-07-2002	Sapieyevski	
		US- 2003/0035444 A1	02-20-2003	Zwack	
		US- 2003/0041173 A1	02-27-2003	Hoyle	
		US- 2003/0066094 A1	04-03-2003	van der Schaar et al.	
		US- 2004/0024925 A1	02-05-2004	Cypher et al.	
		US- 2004/0027166 A1	02-12-2004	Mangum et al.	
		US- 2004/0249982 A1	12-09-2004	Arnold et al.	
		US- 2005/0010691 A1	01-13-2005	Oyadomari et al.	
		US- 2005/0058149 A1	03-17-2005	Howe	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 1 111 527 B1	06-27-2001	Kabushiki Kaisha Toshiba		
		EP 0 672 985 A1	09-20-1995	International Business...		
		EP 0 251 584 A2	01-07-1988	Northern Telecom Limited		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Sheet 2 of 3**Complete if Known**

Application Number	10/816,217
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First Named Inventor	Nicholas Millington
Art Unit	2185
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		Number-Kind Code <sup>2</sup> (if known)			
		US- 2005/0081213 A1	04-14-2005	Suzuoki et al.	
		US- 5875354	02-23-1999	Charlton et al.	
		US- 2004/0252400 A1	12-16-2004	Blank et al.	
		US- 2002/0034374 A1	03-21-2002	Barton	
		US- 2002/0073228 A1	06-12-2002	Cognet et al.	
		US- 7007106 B1	02-28-2006	Flood et al.	
		US-			
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Sheet 3	of 3	Attorney Docket Number	PA3445US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BIERSACK, E. et al., "Intra-and Inter- Stream Synchronization for Stored Multimedia Streams," IEEE International Conference on Multimedia Computing & Systems, June 1996, Hiroshima, Japan.	
		MILLS, D. L., "Network Time Protocol (Version 3) Specification, Implementation and Analysis," Network Working Group, March 1992, located at <a href="http://toi.iriti.cnr.it/rfc/rfc1305.txt">http://toi.iriti.cnr.it/rfc/rfc1305.txt</a> .	
		PARK, S. et al, "Group Synchronization in MultiCast Media Communications," Proc. The 5th Research on Multicast Technology Workshop, November 2003, Daejeon, Korea.	
		ROTHERMEL, K. et al, "An Adaptive Stream Synchronization Protocol," 5th International Workshop on Network and Operating System Support for Digital Audio and Video, April 1995, Durham, New Hampshire, USA.	
		"The MPEG-2 Transport Stream," located at <a href="http://www.coolstf.com/mpeg/#ts">http://www.coolstf.com/mpeg/#ts</a>	

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